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02-25-02

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning design patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 42]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or
a computer program listing appendix
- Brief Description of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C.113) [Total Sheets 10] 1

5. Oath or Declaration [Total Pages 1]

a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)

i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper number of pages
c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 C.F.R. § 3.73(b) Statement Power of
(when there is an assignee) Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations (3)

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C.
122(b)(2)(B)(i), Applicant must attach form PTO/SB/35
or its equivalent

17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No: _____ / _____

Group Art Unit: _____

Prior application information: Examiner _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	20350			or <input type="checkbox"/> Correspondence address below
Address				
City	State	Zip Code		
Country	Telephone	Fax		

Name (Print/Type)	Robert C. Colwell	Registration No. (Attorney/Agent)	27.431
Signature			Date
			February 20, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PA 3202637 v1



FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 740)

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

20-1430

Deposit
Account
Name

Townsend and Townsend and Crew LLP

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money
Order Other

FEES CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Entity Fee (\$)	Fee Code	Fee (\$)	Fee Description
101	740	201	370	740	Utility filing fee
106	330	206	165		Design filing fee
107	510	207	255		Plant filing fee
108	740	208	370		Reissue filing fee
114	160	214	80		Provisional filing fee

Fee Paid

740

SUBTOTAL (1)

(\$740)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims -20**	=	0	X	Fee from below	=	Fee Paid
Independent Claims	19		0		\$18		\$0
Multiple Dependent	2	-3**	=	0	X \$84	=	\$0
				X			

Large Fee Code	Entity Fee (\$)	Small Entity Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9		Claims in excess of 20
102	84	202	42		Independent claims in excess of 3
104	280	204	140		Multiples dependent claim, if not paid ** Reissue independent claims over original patent
109	84	209	42		** Reissue claims in excess of 20 and over original patent
110	18	210	9		

SUBTOTAL (2) (\$0)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Entity Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65		Surcharge - late filing fee or cash or cover sheet.	
127	50	227	25		Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130		Non-English specification	
147	2,520	147	2,520		For filing a request for reexamination	
112	920*	112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action	
115	110	215	55		Extension for reply within first month	
116	400	216	200		Extension for reply within second month	
117	920	217	460		Extension for reply within third month	
118	1,440	218	720		Extension for reply within fourth month	
128	1,960	228	980		Extension for reply within fifth month	
119	320	219	180		Notice of Appeal	
120	320	220	180		Filing a brief in support of an appeal	
121	280	221	140		Request for oral hearing	
138	1,510	138	1,510		Petition to institute a public use proceeding	
140	110	240	55		Petition to revive - unavoidable	
141	1,280	241	640		Petition to revive - unintentional	
142	1,280	242	640		Utility issue fee (or reissue)	
143	460	243	230		Design issue fee	
144	620	244	310		Plant issue fee	
122	130	122	130		Petitions to the Commissioner	
123	50	123	50		Petitions related to provisional applications	
126	180	126	180		Submission of Information Disclosure Statement	
581	40	581	40		Recording each patent assignment per property (times number of properties)	
146	740	246	370		Filing a submission after final rejection (37 CFR § 1.122(a))	
149	740	249	370		For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370		Request for Continued Examination (RCE)	
169	900	169	900		Request for expedited examination of a design application	

Other fee (specify)

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

** number previously paid, if greater; For Reissues, see above

Complete if Known

Name (Print/Type)	Robert C. Colwell	Registration No. (Attorney/Agent)	27,431	Telephone	650-326-2400
Signature	<i>Robert C. Colwell</i>				
Date	February 20, 2002				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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